



PATENT APPLICATION
6533/53815

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Packer

Serial No.: 10/790,272

Filed: 3/1/2004

Title: Method for Explicit Data Rate Control
in a Packet Communication
Environment without Data Rate
Supervision

Attorney Docket No.: 6533/53815

Group Art Unit:

2663

Examiner:

Marcelo

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- under 37 CFR 1.97(c) together with either a:
 - Statement under 37 CFR 1.97(e), or
 - a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
 - Statement under 37 CFR 1.97(e), and
 - a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Information Disclosure Statement
Atty Dkt 6533/53815

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USSN 10/790,272

Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware. Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

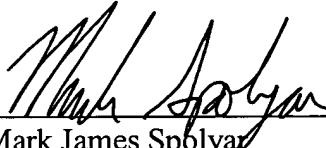
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Date of Deposit: November 15, 2004

Typed Name: Mark J. Spolyar

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Mark James Spolyar
Attorney/Agent for Applicant(s)
Reg. No. 42164

Date: November 15, 2004

Telephone No.: 415-826-7966

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STATEMENT BY APPLICANT**

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First Named Inventor	Packer
Group Art Unit	2663
Examiner Name	Marcelo

Sheet

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Attorney Docket Number

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		COMER et al., "A Rate-Base Congestion Avoidance and Control Scheme for Packet Switched Networks," Proceedings of the 10 th Int'l Conference on Distributed Computing Systems, IEEE 1990.	
		DIGHE et al., "Congestion Avoidance Strategies in Broadband Packet Networks," Proceedings Vol. 1: IEEE Infocom '91, IEEE 1991.	
		AAGESEN, "A Flow Management Architecture for B-ISDN," Proceedings of the IPIP TC6/ICCC Int'l Conference on Integrated Broadband Communication Networks and Services, 1994.	
		CHAKRABARTI et al., "Adaptive Control for Packet Video," Proceedings of the Int'l Conference on Multimedia Computing Systems, IEEE 1994.	
		BOLOT et al., "A Rate Control Mechanism for Packet Video in the Internet," Proceedings Vol. 3: IEEE INFOCOM '94, IEEE 1994.	
		HONG et al., "Performance Evaluation of Connectionless Service for ATM Networks," Proceedings Vol. 2/3: IEEE Global Telecommunications Conference (GLOBECOM'95), IEEE 1995.	
		KANAKIA et al., "An Adaptive Congestion Control Scheme for Real-Time Packet Video Transport," Proceedings Communications Architectures, Protocols and Applications (SIGCOMM '93), ACM Press 1993.	
		GONG et al., "Study of a Two-Level Flow Control Scheme and Buffering Strategies," Proceedings Vol. 3: IEEE INFOCOM '94, IEEE 1994.	
		SONG et al., "An Algorithm for Flow and Rate Control of XTP," IEEE Int'l Conference on Communications '93 (IGC '93), IEEE 1993.	
		GERLA et al., "Comparing ATM Credit-Based and Rate-Based Controls for TCP Sources," MILCOM 95, Universal Communications, Conference Record, Vol. 1, IEEE 1995.	
		JACOBSON, "Congestion Avoidance and Control," SIGCOMM '88 Symposium: Communications Architectures & Protocols, ACM Press, 1998.	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.
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		HUYNH et al., "Performance Comparison Between TCP Slow-Start and a New Adapative Rate-Based Congestion Avoidance Scheme," Proceedings of the Second Int'l Workshop on Modeling, Analysis, and Simulation of Computer and Telecommunications Systems, IEEE 1994.	
		HAAS, "Adaptive Admission Congestion Control," Computer Communication Review, Vol. 21, No. 5, ACM SIGCOMM 1991.	
		RAMAKRISHNAN et al., "A Binary Feedback Scheme for Congestion Avoidance in Computer Networks," ACM Transactions on Computer Systems, Vol. 8, No. 2, ACM Press 1990.	
		CHOI et al., "On Acknowledgment Schemes of Sliding Window Flow Control," IEEE Transactions on Communications, Vol. 37, No. 11, IEEE 1989.	

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